

**Monograph of the Neotropical Fern Genus *Stigmatopteris* (Dryopteridaceae) by Robbin C. Moran. 1991. Ann. Missouri Bot. Gard. 78:857–914.**

According to this impressive monograph, *Stigmatopteris* contains 24 species distributed primarily in wet montane forests from the Antilles and southern Mexico to southern Brazil. Members of this genus are distinguished from all other dryopteroid genera by pinnae bearing pellucid, punctate glands, by scales with uniseriate cilia ending in bulbous, glandular cells, and by veins which have clavate apices ending well short of pinnae margins. This work provides a taxonomic history of the genus and sections on distribution, morphology, and species relationships. The section on morphology contains concise discussions of characters used to distinguish *Stigmatopteris*. These characters are pubescence, indusia, glands, scales, veins, hairs, sporangia, stipes, and spores. Character states of scales, buds or bulblets, veins, pinnae bases, blade dissection, pubescence, pinnae are used to generate cladograms depicting species relationships. Two new species are described and one new combination is made in this work. One species is possibly a hybrid. Keys to the species utilize characters which are readily available from properly pressed fronds. Each species treatment includes a complete nomenclatural citation, designation of types, synonymy, a thorough description, citation of specimens examined, and a discussion of taxonomy. The author has crafted fine, diagnostic illustrations for each species and clear distribution maps. The work concludes with excluded taxa, names of uncertain application, literature cited, an index to collectors' names, and an index to names. Dr. Moran has compiled a well written monograph of *Stigmatopteris* which could serve as a model for those preparing monographic treatments. This excellent treatise should be in the library of everyone interested in neotropical pteridophytes — W. CARL TAYLOR, Milwaukee Public Museum, Milwaukee, Wisconsin 53233.